Index of Claims

| Applica | tion/Contro | ol No. |
|---------|-------------|--------|
|---------|-------------|--------|

10/667,036 Examiner

Lalita M. Hamilton

Applicant(s)/Patent under Reexamination

KARAOGUZ ET AL.

Art Unit

3624

Rejected Allowed

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | <u> </u> | L. | | | | l | | Ш | | | | | | | | | L | | | - | | | | | L. |
|----------|----------|----------|--|--|----------------|--------------|------------|--------------|--------------|--|-----|----------|----------|--------------|----------|----------------|-----------|----------|----------|----------|----------|----------|---|-----------|------------|----------|
| Cla | im | | | | [| Date | e | | | | 1 | Cla | aim | | | | | ate | ; | | | | | Cli | aim | Т |
| | | 12 | 1 | | | | - | | | | l i | | \Box | | | | | | | \neg | | | | | | Г |
| <u> </u> | Original | ľΥ | ١. | | l | | | | | | | <u>a</u> | Original | | | | | 1 | | | | | | Final | Originał | |
| Final | ij | 68 | | l | 1 | | ļ | | | | | Final | Ę | | | | | 1 | | | | | | Ξ̈́ |) ji | |
| | ٥ | | | | | | | | | | | | | | | | | | | | | | | | | L |
| | 1 | V | | | | | | | | | 1 1 | | 51 | | | | | | | _ | _ | | | | 101 | L |
| <u></u> | 2 | 4 | <u> </u> | L | <u> </u> | | | | | | li | | 52 | | _ | | | _ | _ | _ | _ | _ | | | 102 | ļ |
| | 3 | Ш | _ | _ | L | | | ᆫ | Щ | | 1 | | 53 | | | _ | _ | _ | \perp | _ | _ | | | | 103 | _ |
| <u></u> | 4 | Щ. | | L | L | _ | <u> </u> | _ | | | | | 54 | | | _ | _ | _ | _ | _ | _ | _ | | | 104 | ▙ |
| | 5 | 11 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | | 55 | _ | _ | _ | _ | _ | | - | - | | | | 105 | ⊢ |
| | 6 | ₩ | _ | _ | <u> </u> | _ | ⊢ | <u> </u> | - | _ | | | 56 | _ | _ | | | \dashv | - | \dashv | \dashv | _ | | | 106 107 | ⊬ |
| | 7 | ₩ | | ├- | <u> </u> | - | ├- | ⊢ | H | | . | | 57 58 | | | | \dashv | | \dashv | \dashv | | | | | 107 | ⊢ |
| | 9 | ╫ | | ├ | ├- | | ├ | - | Н | | | | 59 | - | - | | _ | - | \dashv | \dashv | \dashv | \dashv | | _ | 109 | ╁ |
| - | 10 | ╫ | \vdash | - | ├─ | \vdash | ⊢ | - | Н | | 1 | | 60 | | | - | \dashv | - | | \dashv | ᅱ | - | | <u> </u> | 110 | ╁ |
| - | 11 | ╫╴ | ┢ | ┢ | ┢ | | ┢ | \vdash | | _ | l | | 61 | | | | \dashv | ᅥ | - | \neg | \dashv | _ | | _ | 111 | t^- |
| - | 12 | Н | - | \vdash | ┢ | - | ┢ | ┢ | - | - | | | 62 | Н | \dashv | | \dashv | - | -1 | \neg | \dashv | | | _ | 112 | \vdash |
| - | 13 | H | | | \vdash | | \vdash | \vdash | - | \vdash | | | 63 | Н | | | \neg | \neg | _ | _ | 一 | | | | 113 | T |
| | 14 | Ħ | _ | | | \vdash | \vdash | | | \vdash | 1 | | 64 | | | | | | \neg | | \neg | | | | 114 | \vdash |
| | 15 | П | | Г | \Box | | | | | | | | 65 | | | | | | | | | | | | 115 | Γ |
| | 16 | \sqcap | | | | | | | | | | | 66 | | | | | | | | | | | | 116 | |
| | 17 | | | | | | | | | |] | | 67 | | | | | | | | | | | | 117 | L |
| | 18 | | | | | | | | | |] | | 68 | | | | | | | | | | | ļ | 118 | L |
| | 19 | Ш | L | <u> </u> | | L | | 匚 | _ | _ | | | 69 | Ш | | | | | \dashv | | _ | | | <u> </u> | 119 | ╄ |
| | 20 | Ц | | <u> </u> | _ | | <u> </u> | _ | _ | <u> </u> | | | 70 | | | | | | _ | | _ | | | | 120 | ╄ |
| | 21 | Н | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | ļ | | | 71 | _ | | | | | \dashv | _ | _ | - | | - | 121 | ₽ |
| | 22 | \sqcup | ⊢ | ⊢ | <u> </u> | | - | ├ | | <u> </u> | - | | 72 | _ | | - | | | \dashv | | \dashv | | | | 122 123 | ╆ |
| | 23 | Н | - | - | — | - | _ | ├ | H | - | 1 | | 73 74 | | | \vdash | - | | - | | \dashv | | | <u> </u> | 123 | ╁ |
| | 24 25 | ₩ | | ├ | ├ | ⊢ | ⊢ | ╁ | ┢ | | 1 | | 75 | - | _ | \vdash | | \dashv | \dashv | | | | | | 125 | ╁ |
| - | 26 | ╁ | ╁ | ╁ | | ⊢ | ╁ | ├ | ┢ | - | 1 | | 76 | | | Н | | | | - | \dashv | | | \vdash | 126 | ╁ |
| \vdash | 27 | ╁╂ | | H | | _ | - | ┢ | \vdash | ┢ | 1 | | 77 | | | | \exists | \dashv | \dashv | | \neg | | | | 127 | 十 |
| | 28 | \₩ | 一 | <u> </u> | | \vdash | - | \vdash | H | \vdash | 1 | | 78 | \vdash | | | | | | | | | | | 128 | 十 |
| | 29 | <u> </u> | _ | T | T | | | † | _ | | 1 | | 79 | | _ | | | | \neg | | | | | i | 129 | Т |
| | 30 | \vdash | _ | T | | | | | | | 1 | _ | 80 | | | П | | | \neg | | | | | | 130 | T |
| | 31 | \vdash | | | | | | | | | 1 | | 81 | | | | | | | | | | | | 131 | |
| | 32 | | | | | | | | | |] | | 82 | | | | | | | | | | | | 132 | L |
| | 33 | | | | | | | | | | | | 83 | | | Ш | | | | | | | | | 133 | ┖ |
| | 34 | | $oxed{\Box}$ | ļ | ļ | <u> </u> | _ | <u> </u> | <u>_</u> | <u> </u> | | | 84 | lacksquare | | Ш | | | | | | | | L | 134 | 1 |
| <u> </u> | 35 | _ | _ | <u> </u> | _ | <u> </u> | ļ | <u> </u> | _ | <u> </u> | | | 85 | _ | L | | | \Box | _ | | | _ | | | 135 | \vdash |
| | 36 | 1 | - | <u> </u> | ├ | <u> </u> | _ | <u> </u> | <u> </u> | | ł | | 86 | <u> </u> | | \vdash | | \sqcup | | _ | _ | | | <u> </u> | 136 | 1 |
| | 37 | | - | \vdash | ├- | ├- | \vdash | - | | \vdash | | | 87 | H | H | Н | L., | - | - | - | - | _ | | <u> </u> | 137 138 | ╁ |
| | 38 39 | \vdash | - | - | - | | - | - | <u> </u> | \vdash | 1 | | 88 89 | \vdash | - | Н | | \vdash | \vdash | _ | | | | - | 138 | ╁ |
| <u> </u> | 40 | \vdash | ├- | - | 1 | \vdash | - | ┢╌ | \vdash | - | { | _ | 90 | | \vdash | $\vdash\vdash$ | - | \vdash | \dashv | _ | | | | - | 140 | + |
| - | 41 | ╁ | ├- | ⊢ | ┢ | \vdash | ┢ | - | - | ╁ | ł | | 91 | | _ | \vdash | | - | | | | | | | 141 | ╁ |
| - | 42 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | \vdash | | 1 | \vdash | 92 | Н | H | \vdash | | \vdash | | | Н | _ | | 1 | 142 | T |
| - | 43 | | | \vdash | | 1 | \vdash | T | _ | | 1 | \vdash | 93 | \vdash | | \vdash | | | | _ | | | ١ | | 143 | T |
| | 44 | | 1 | \vdash | T | | Γ | 1 | \vdash | | 1 | | 94 | П | Г | П | | П | | | | | ĺ | | 144 | Г |
| | 45 | | | | | | | | | |] | | 95 | | | | | | | | | | | | 145 | Τ |
| | 46 | | | | | | | | | |] | | 96 | | | | | | | | | | | | 146 | Γ |
| | 47 | | | | | | | | | \Box |] | | 97 | L | | | | | | | | | | | 147 | L |
| | 48 | <u> </u> | <u> </u> | <u> </u> | L | <u> </u> | <u> </u> _ | <u> </u> | <u></u> | | 1 | L | 98 | _ | L | | | Щ | Щ | | | | | | 148 | |
| ļ | 49 | ـــ | ↓_ | ـــــ | ┺ | <u> </u> | - | ↓_ | ــــ | ▙ | 1 | <u> </u> | 99 | \vdash | <u> </u> | Ш | <u> </u> | Ш | | _ | | | - | | 149 | ╀ |
| L | 50 | ـــ | <u> </u> | <u> </u> | <u>L</u> . | <u>l</u> | <u>L.</u> | 1 | L | | J | L | 100 | | <u> </u> | | | | | | | <u></u> | j | L | 150 | \perp |

| Final | Original | | | | | | | | | |
|----------|----------------|-----------|----------|--|----------|----------|----------|----------|----------|----------|
| \vdash | 51 | | | Н | | | | | | \dashv |
| - | 52 | | | _ | | | - | = | _ | \vdash |
| - | 51 52 53 | _ | _ | | - | | - | | | \vdash |
| - | 54 | | | \vdash | | - | _ | | | Н |
| - | 55 | | | | | - | - | | | \dashv |
| | 56 | _ | | - | _ | | | _ | _ | - |
| | 57 | _ | _ | ⊢ | | | - | _ | _ | \dashv |
| | 58 | | | - | | - | \vdash | _ | | - |
| | 59 | | | - | | | _ | | - | Н |
| | 60 | | | - | | | | | - | Н |
| | 61 | | | - | \vdash | _ | - | - | | \vdash |
| | 62 | \vdash | _ | - | \vdash | _ | - | - | | Н |
| | 63 | | _ | - | \vdash | _ | - | | _ | ┝─┤ |
| | 64 | | - | ┢ | - | | _ | | _ | _ |
| | 65 | - | - | 一 | \vdash | - | \vdash | \vdash | - | \vdash |
| | 66 | | | - | | - | | \vdash | \vdash | |
| | 67 | - | _ | - | | | | | _ | |
| | 68 | \vdash | - | - | _ | | | | | Н |
| | 69 | - | - | - | _ | - | \vdash | - | | Н |
| \vdash | 70 | - | _ | - | ⊢ | | - | | | H |
| | 71 | | | | - | ⊢ | \vdash | | _ | Н |
| | 71 72 73 | - | | | - | | \vdash | - | _ | \vdash |
| | 73 | ┝ | - | \vdash | - | \vdash | | - | | |
| - | 74 | \vdash | ┝ | \vdash | - | ┢ | ┝ | _ | — | |
| _ | 74 75 | ┢ | ┢ | - | \vdash | ┢ | \vdash | - | | _ |
| | 76 | \vdash | \vdash | H | ┢ | \vdash | - | \vdash | | |
| | 77 | \vdash | \vdash | | \vdash | _ | | Н | _ | |
| | 78 | \vdash | \vdash | ┢ | \vdash | - | | \vdash | _ | _ |
| - | 79 | _ | _ | | - | - | \vdash | \vdash | | |
| _ | 80 | \vdash | _ | H | \vdash | _ | \vdash | _ | | |
| | 81 | \vdash | \vdash | | \vdash | _ | | \vdash | - | |
| | 82 | | - | | _ | | - | \vdash | _ | |
| | 83 | | | \vdash | | _ | | _ | \vdash | |
| \vdash | 84 | \vdash | _ | \vdash | | - | \vdash | Г | ┢ | |
| | 85 | | | | | | | | | |
| | 86 | | | | | | \vdash | Ι | | |
| | 87 | | | \vdash | \vdash | Τ | | Γ | Г | |
| | 88 | Г | | | | T | | | | |
| | 89 | | | | | T | | | | |
| | 90 | | | Г | | | Г | \vdash | - | \Box |
| | 91 | - | \vdash | | | | Г | \vdash | | |
| | 92 | | | | | | | | Г | |
| | 93 | | | | | | | | | |
| | 94 | Γ | T | | | | | Π | | |
| | 95 | | | | | | | | | |
| | 96 | | | | | | | | | |
| | 97 | | | | | | | | | |
| | 98 | | | | | | | | | |
| | 99 | | | | | | | | | |
| | 100 | Г | \Box | | Γ | Г | | Г | | |

| Cla | aim | Date | | | | | | | | | |
|----------|-------------------|----------|----------|----------|----------|----------|--------------|---------------|--|----------|--|
| | | | | | | | | | | | |
| Final | Original | | | | | | | | | | |
| | 101 | | | | | | | | | \Box | |
| | 102 | | | | | | | | | _ | |
| | 103 | | | _ | | | | | | _ | |
| <u> </u> | 104 105 | | - | | _ | | _ | | | | |
| | 105 | | | | | | | | | | |
| | 106 107 | | _ | | | | _ | | _ | \dashv | |
| | 108 | | | - | | - | | \vdash | | \dashv | |
| | 109 | - | \vdash | | | | | | | \dashv | |
| | 110 | | | | | | | | | | |
| | 111 | | | | | | | | | | |
| \Box | 112 | | | | | | | | | | |
| | 113 | | | | | | | | | | |
| | 114 | | | | | | | | | | |
| | 115 | | | | | | | | | | |
| <u> </u> | 116 | | | | | | <u> </u> | _ | _ | | |
| <u> </u> | 117 | | | | | _ | <u> </u> | _ | | | |
| ļ | 118 | ļ | Щ | | | | <u> </u> | _ | <u> </u> | | |
| <u> </u> | 119 | | | \Box | | | | _ | _ | | |
| <u> </u> | 120 | | | | | | _ | _ | - | \dashv | |
| | 121 122 | | | | _ | | | | - | \dashv | |
| _ | 122 | | - | _ | _ | | | | - | \vdash | |
| <u> </u> | 123 124 | | - | — | _ | \vdash | | - | - | Н | |
| — | 125 | | | | _ | | _ | _ | - | Н | |
| \vdash | 126 | | | | _ | | | | \vdash | \neg | |
| | 126 127 128 | | | | _ | | | _ | | | |
| | 128 | | | | | | | Г | | | |
| | 129 130 | | | | | | | | | | |
| | 130 | | | | | | | | | | |
| | 131 | | | | | | | | | Ш | |
| <u></u> | 132 133 | | _ | _ | | _ | _ | L | <u> </u> | | |
| <u></u> | 133 | L | | H | _ | _ | _ | <u> </u> | ļ. | Н | |
| | 134 135 | - | <u> </u> | | H | | <u> </u> | \vdash | | \vdash | |
| | 135 | H | H | H | - | - | \vdash | - | - | Н | |
| <u> </u> | 137 | H | Н | <u> </u> | | - | \vdash | - | - | H | |
| | 137 138 | \vdash | \vdash | - | - | - | - | \vdash | - | \vdash | |
| | 139 | \vdash | H | | - | | \vdash | - | | \vdash | |
| | 140 | | \vdash | | \vdash | \vdash | \vdash | \vdash | - | Н | |
| | 141 | \vdash | Г | _ | П | Г | Г | Ι- | | П | |
| | 142 | | | | | | | | | | |
| | 143 | | | | | | | | | | |
| | 144 | | | | | 匚 | | | Ĺ | | |
| | 145 | | | | | | | | | | |
| | 146 | <u> </u> | \vdash | <u> </u> | \vdash | <u> </u> | _ | <u> </u> | | Ш | |
| <u></u> | 147 | | _ | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | | |
| - | 148 | - | <u> </u> | \vdash | \vdash | _ | - | \vdash | _ | | |
| _ | 149 | \vdash | \vdash | - | ⊢ | ⊢ | | \vdash | - | | |
| | 150 | | | | | | L | | <u> </u> | L | |